



National Council for Scientific Research



## ***EXPERTS AND CONTRIBUTORS***



The process of formulating The Science, Technology and Innovation Policy (STIP) for Lebanon was undertaken at the National Council for Scientific Research (CNRS), starting in 2002, after an initiative sponsored by the United Nations Educational, Scientific and Cultural Organization (UNESCO). The process received partial financial support from the Arab League Educational, Cultural and Scientific Organization (ALECSO), as well as scientific and technical contributions from the Economic and Social Commission for Western Asia (ESCWA). CNRS covered about 75% of the project expenses.

The STIP preparation process was carried out through a wide participatory and consultative approach, directly involving prominent Lebanese personalities in the scientific community, in addition to international experts, along with the CNRS Team.

CNRS addresses special appreciation and acknowledgement to all those who were involved in STIP preparation process. It is to be noted that the wide participatory approach was made possible only through real dedication and commitment of all contributors who were deeply concerned about its success. Most contributors have worked beyond their nominal remunerations or totally on voluntary basis.

The following is a list of all contributors and the main responsibilities they undertook during the formulation and towards the finalization of the STIP plan.

## ***1. CNRS TEAM***

- |                                |   |                                      |
|--------------------------------|---|--------------------------------------|
| • <b>George Tohmé</b>          | <i>President of the Board of Administration</i> |                                      |
| • <b>Mouin Hamzé</b>           | <i>Secretary General</i>                        | Programme Director<br>(2002-2005)    |
| • <b>Hassan Charif</b>         | <i>Scientific Advisor</i>                       | Programme Coordinator<br>(2004-2005) |
| • <b>Hratch H. Kouyoumjian</b> | <i>Scientific Advisor</i>                       | (2002-2003)                          |

## 2. CONTRIBUTING EXPERTS

- |                          |  |   |
|--------------------------|--|---|
| • <b>Peter Tindemans</b> | <i>UNESCO Consultant</i>   | Formulated the collective vision of the plan, followed up on the work of the Task Forces and prepared the Basic Report        |
| • <b>Gilbert Frade</b>   | <i>Expert in Entrepreneurship<br/>Professor at the “Ecole des Mines”, France</i> | Prepared an analysis on the partnership between the different parties of STIP and the private sector                          |
| • <b>Antoine Zahlan</b>  | <i>Independent Consultant in Science and Innovation Policy formulation</i>       | Prepared a study presenting STIP and analyzing the relation between research and the Lebanese economical and social situation |

## 3. TASK FORCES

Four task forces (TF) consisting of about 30 senior researchers, university professors and experts prepared the specialized reports, which were the bases for the formulation of the Basic Report. Their names and affiliations follow.

### 3.1 TASK FORCE ON BASIC SCIENCES, TECHNOLOGY AND INDUSTRY (TFI)

- |                                |                      |                            |
|--------------------------------|----------------------|----------------------------|
| • <b>Mohammed Ali Kobeissi</b> | <i>Rapporteur</i>    | CNRS Board Member          |
| • <b>Ahmed Nasri</b>           | <i>Co-rapporteur</i> | CNRS Board Member, and AUB |

and the membership of:

- |  |               |
|--|---------------|
| • <b>Fuad Mrad</b>                                     | AUB           |
| • <b>Joseph Bechara, Melhem Chaoul, Tayssir Hamieh</b> | LU            |
| • <b>Nashat Mansour</b>                                | LAU           |
| • <b>Pierret Zouein</b>                                | USJ           |
| • <b>Neemat Frem</b>                                   | INDEVCO Group |

### 3.2 TASK FORCE ON ENVIRONMENT AND AGRICULTURE (TFE)

- **May Jurdi** *Rapporteur* CNRS Board Member, and AUB
- **H.H. Kouyoumjian** *Co-rapporteur* CNRS Scientific Advisor

and the membership of:

- **Mohamad Farran, Mutasem El-Fadel, Nahla Houalla, Rami Zurayk** AUB
- **Gaby Khalaf, Bilal Nsouli, Mohamad Khawlie, Khaled Makkouk** CNRS
- **Wafa Khoury, Henriette Tohmé, Michel Khouzami, Khalil Melki** Independent Experts

### 3.3 TASK FORCE ON MEDICAL SCIENCES AND PUBLIC HEALTH (TFM)

- **Ali Bazarbachi** *Rapporteur* AUB
- **Antoine Hajjar** *Co-rapporteur* CNRS Board Member

and the membership of:

- **Nayef Saadé, Samir Atweh** AUB
- **Camille Nassar, Nadim Karam** UOB
- **Fahd Nasr** LU
- **Fouad Hashwa** LAU

### 3.4 TASK FORCE ON SOCIO-ECONOMIC ANALYSIS (TFSE)

The report on the analysis of the Social and Economic situation in Lebanon, and the assessed impact of STIP, has been undertaken by experts from the Economic and Social Commission for Western Asia (ESCWA).

- **Mohamad Mrayati** *Rapporteur* Regional Advisor on Science and Technology
- **Omar Bizri** Technology Team Leader
- **Mansour Farah** Senior Information Technology Officer

#### ***4. EDITING, TRANSLATION AND TECHNICAL SUPPORT***

The CNRS would like to express its appreciation to the efficient support of the following:

**Jean-Eileen Abou-Chacra** (Editing); **Mona Assaf** (Translation and Editing); **Amale Habib** (Translation); **Nariman Hamadeh** (Preparing the texts for Publishing); **Rula Atweh, Elise Noujeim** (Technical assistance); **Anna Alameddine** (Cover Designer); **Arab Scientific Publishing** (Printing)